

"The term leadership is an incantation for the bewitchment of the led."

—Christopher Hodgkinson

Towards a Philosophy of Administration (1978)

UNIVERSITY OF VICTORIA

Volume 8, Number 17, July 2, 1982

Budget approved

UVic's operating budget for 1982-83 has increased by 16.7 per cent to \$62.84 million from \$53.84 million last year. The increase reflects substantially higher enrolment increases at UVic over the last few years, higher than those at other B.C. universities.

The UVic Board of Governors (BOG) approved the budget at its June 25 meeting.

The budget is described by UVic president Dr. Howard Petch as "very conservative. Decisions this year have been made in terms of our expectations for next year. We have been extremely conscious of any expenditure which will recur in terms of the impact it will have on the 1983-84 budget.

"It has been very hard on the deans," he added.

The budget, which includes revenues from a 14.9 per cent increase in tuition fees, also projects a net decrease of 7.84 full-time equivalent (FTE) faculty positions on campus while regular continuing appointments are projected to increase by 20 positions.

The decrease in FTE faculty positions occurs on campus because this figure takes into account all faculty members on leave, and includes visiting and temporary faculty, hiring of which will substantially decrease this year as funds previously used for temporary appointments will be used for new continuing appointments.

"Hiring faculty with continuing appointments is more expensive in terms of salaries and benefits than hiring temporary faculty" notes Dr. Fred Fischer, Vice-

president Academic, "and this obviously means fewer temporary appointments and therefore a lower number of FTE faculty. The lesser number of visiting and temporary appointments makes it possible to hire continuing faculty in areas which have shown substantial increases in enrolment over the last few years, such as economics, computer sciences, sociology and psychology."

The overall effect of the changes will result in a net decrease in the UVic salary budget of \$28,000 excluding planned increases for this year.

The projected increased revenues from tuition fee increases has also been treated conservatively this year, with a projected increase in enrolment of only 3.3 per cent, while actual enrolment increases may be substantially higher with applications to date already running more than eight per cent higher than this time last year.

A \$500,000 contingency fund has been set aside to meet non-recurring expenses that may occur in the context of uncertainty regarding Universities Council of British Columbia (UCBC) funding policies next year.

Two new items in this year's budget are a \$150,000 currency exchange reserve established to offset the differences in the value of the Canadian dollar to other currencies, to be used for books, journals, and scientific supplies not available in Canada, and a \$28,000 budget for supplies and services for the newly leased CBC building in Victoria.

Applications up again

UVic administrators are bracing themselves for another healthy increase in enrolment in September.

First-time undergraduate applications for September are up 8.4 per cent from the same time in 1981, David Glen, director of Admission Services announced June 29.

The increase is startling in light of the unexpected increase of almost 10 per cent in enrolment in 1981.

Glen said applications from B.C. college transfer students are up 21.3 per cent from

1981, reflecting the fact that some colleges have cut out second-year university courses because of budget restraints.

Applications from graduating Grade 12 B.C. students are up by 4.6 per cent.

Glen said it is impossible to estimate the percentage of applicants who will become registrants at UVic. "After the first few weeks of early registration, which starts July 7, we may be able to see some trends developing," he said.

Malahat editor to resign

Robin Skelton (Creative Writing), founder of the *Malahat Review*, managing editor for 16 years and sole editor for the past 11 years, has resigned the magazine's editorship, effective at the end of the 1982-83 academic year.

The *Malahat Review* is UVic's international literary review.

Skelton says he is resigning for several reasons, citing the changes in the magazine that will occur following a funding cut from \$40,642 to \$13,255 as a major factor.

"I feel it is better for my successor to take over the magazine at the time of the change rather than afterwards, when he or she would be obliged to deal with other changes made by a predecessor," says Skelton.

Skelton also cites the need for "a younger and more energetic person to take over and bring a new viewpoint to the magazine's pages" and the fact that his respon-

sibilities as sole editor of the magazine have made it impossible to take any extended leave during that period.

"I have only had one year's leave during the 20 years I have taught at the University of Victoria," he commented.

Skelton says he intends to concentrate on teaching and his own writing after the coming academic year, during which he will also assume responsibilities as chairman of the Writer's Union of Canada, as well as teaching, writing, and editing the *Malahat Review*.

The June 25 meeting of the Board of Governors (BOG) was told that the \$13,255 operations funding for the *Malahat* this year will be supplemented by a non-recurring grant expenditure from the office of the Vice-president (Academic) for this year only, and that a selection committee will also be formed to find a new editor.



Bruton: starts in October

Engineering gets a dean

Dr. Len T. Bruton, head of the Department of Electrical Engineering at the University of Calgary, has been appointed the first Dean of Engineering at UVic.

The Board of Governors announced the appointment, effective Oct. 1, following the June 25 meeting. UVic plans to develop a Faculty of Engineering of about 800 undergraduate students in a co-operative education program with 100 graduate students and 50 faculty members.

Bruton was born in London, England, Sept. 9, 1942. He received a B.Sc. (Hons.) degree in electrical engineering from the University of London in 1964 and, in the same year, joined the Northern Electric Company Ltd. in Montreal.

From 1965 to 1967, he worked for the Bell Northern Research Co. Ltd. in Ottawa as a member of the scientific staff with project leadership responsibilities in the areas of telecommunication circuit development and design.

He obtained his M.Eng. degree in electrical engineering from Carleton University, completing his thesis at the Defence Research Board on the design of microelectronic RC-active filters in 1967.

From 1967 to 1970, he was a lecturer in electrical engineering at the University of Newcastle Upon Tyne, England, where he obtained a Ph.D. degree in electrical engineering for a thesis on the synthesis and design of microelectronic filters.

In 1970, he joined the Department of Electrical Engineering at the University of Calgary as an assistant professor and received promotions to associate professor and professor in 1972 and 1976, respectively. He was elected head of the Department of Electrical Engineering in 1977.

His research interests are in the areas of microelectronic active filters and signal processing with special emphasis on digital filtering digital image processing. He has published over 70 papers in fully-refereed journals or conferences and published the textbook *RC-Active Filters: Theory and Design*, in 1980. His innovations in microelectronic filter design have been adopted on a world-wide basis and have led directly to multimillion dollar annual production volumes in the telecommunications industry.

In 1978, he was awarded the American Society for Engineering Education Western Electric Award (Pacific Northwest Section) in recognition of excellence in teaching and in 1980 he was elected as a Fellow of the Institute of Electrical and Electronic Engineers in recognition of his research contributions in the area of active circuit theory.

Bruton has served for three years on the National Science and Engineering Research Council electrical engineering grant selection committee, including one year as its chairman.

He has been active throughout his career as an industrial consultant to such companies as Bell Northern Research Ltd. and Hewlett-Packard Ltd., and is currently chairman of an Electronics, Telecommunications and Computing High Technology Working Group of the Alberta Research Council which is reporting on a provincial policy for the development of these industries in Alberta. He has served for two years as a member of the Board of Engineering Education and of the professional examinations committee of the Association of Professional Engineers and Geophysicists of Alberta.

Fees increase by 14.9 per cent

Tuition fees at UVic will be the lowest among British Columbia's three universities for 1982-83.

The Board of Governors (BOG), at a meeting June 25, approved a 14.9-per-cent increase in fees for September, up \$105 to \$810 for most full-time undergraduate students.

This is \$60 less than fees to be charged for 1982-83 at Simon Fraser University and \$30 less than comparative fees at the University of British Columbia.

Graduate students at UVic also face a 14.9-per-cent increase, with first-year fees in a master's program at \$846 compared to \$1,280 at UBC and \$1,209 at SFU.

The increase at UVic was less than anticipated by most people including Alma Mater Society President Eric Hargreaves who had expected a fee increase in the 22-to-25-per-cent range.

Hargreaves presented a brief to the BOG urging restraint in the fee increase and the establishment of institutionally offered bursaries to offset the rising cost of living and scarcity of summer employment for students.

In response, President Dr. Howard Petch listed a number of substantial

increases in various forms of students aid.

The new budget provides a very large increase in financial support for graduate students with undergraduate bursaries boosted by 34 per cent to \$92,000.

"I also intend to bring a recommendation to the July meeting of the board that some carryover funds be made available for bursaries for students with special needs," said Petch.

Petch said bequests that will generate an additional \$17,000 for bursaries this year have been made to the University of Victoria Foundation and the Vancouver Foundation is increasing four-fold the amount it will provide for student bursaries this year at UVic.

"There is no question that students are suffering from the severe state of the economy," said Petch. "That is why we are recommending a fee increase that is slightly less than half the percentage increase at the other two universities."

BOG chairman Hugh Stephen said UVic will probably receive "some criticism from the other institutions for our stand on tuition fees. I do feel this is the year when we should make our fee increase as modest as possible because the students are up against a very serious problem."

The resolution approving the fee increase also states that the BOG recognizes "that inevitably over the next year or two, fees at the University of Victoria must be increased to achieve comparability with those at the other B.C. universities."

While supporting the BOG motion regarding fees, Dr. Roger Davidson, Dean of Arts and Science, said he was "very concerned that in holding the line in tuition fee increases, we are compromising the quality of service to students already here."

Davidson said students should be bearing a greater burden of the cost of operating the university. "Students will be paying about 9.7 per cent of the cost of operating the university in 1982-83," he said. "I would like to see that percentage return in the long run to about 15 per cent."

Davidson said faculty members recognize the economic pressures facing students but are concerned that rising enrolments combined with no increases in faculty positions will lead to an increasingly poor student-professor ratio.

Petch said UVic is experiencing rapid growth in student enrolment with "virtually no increases in teaching staff. This can't continue year after year."



Reproduction of an English eighteenth century drop leaf table by self-taught furniture craftsman Gregory Brown of Sidney, B.C.

Furniture featured

The Maltwood Museum and Art Gallery will present two exhibitions this summer. Chinese Art from the Maltwood Collection will be on show until July 26, to be followed by Furniture Designers and Craftsmen in the Victoria Region: Current Work from July 28 to September 29. In the McPherson Gallery Library, an exhibit of bird painting by Alan Brooks (1869-1946) is on show from June 8 to August 9. Brooks was one of Canada's most famous naturalist painters and the display is a portion of the National Gallery of Canada's collection of his works.

The Maltwood Art Museum and Gallery is open from 10 a.m. to 4 p.m. Monday to Friday and noon to 4 p.m. Sunday. It is also open in the evening in conjunction with events in the University Centre Auditorium. The McPherson Gallery is open during normal library hours.

Projects sought

UVic has requested funding for 300 work-study positions for students in September.

Departments on campus have until August 1 to submit projects for the program funded by the provincial Ministry of Education.

Ted Sawchuck, director of Student and Ancillary Services, says eligible students will be able to work a maximum of 180 hours between September and April at an hourly wage of \$5.

Eligible students include those whose financial needs are not met by the Canada Student Loan and B.C. Student Assistance Program or those who prefer to work rather than apply for a loan.

Students can determine their eligibility to work on this program by meeting with Nels Granewall, manager of the Student Financial Aid Services office.

Departments must formulate projects that are academically related and forward them to Sawchuck. Projects will be filled on a first-come, first-served basis up to the limit of 300, in September.

Theatre tour planned

A series of exciting travel seminars which include a theatre tour to London and New York, a horticultural tour of Holland and a trip to the Arctic, has been organized by the Alumni Association and University Extension.

The first seminar, to be offered Sept. 22 features the theatre tour planned by the Alumni over Christmas and New Years. The tour involves attending three theatrical productions in London and three shows on Broadway.

For all the seminars, participants will study the academic component involved and will also learn how the travel package is planned.

Dr. Murray Edwards (Extension) will lead the theatre tour.

More information and registration for all the seminars is available at the Alumni office in the Sedgewick Building, at 721-7635.

Red cross needs blood

Blood donor clinics at UVic in 1981 accounted for more than 14 per cent of Greater Victoria's total contribution of whole blood to the provincial blood bank.

This year the Red Cross has opened a new "mini-lab" in Victoria for the production of blood components and officials are optimistic that much of the blood needed for the lab will be obtained at UVic clinics.

A Red Cross blood donor team will be in the Student Union Building July 14 from 10 a.m. to 4 p.m. It's an opportunity for students, staff, faculty and the general public to assist in expanded Red Cross operations on Vancouver Island.

The "mini-lab" produces the first two components in the blood fractionation process, concentrated red cells and fresh frozen plasma.

The red cells will go to patients suffering

from anaemia, low iron or jaundice. The two most important components to be extracted from the fresh frozen plasma will be anti-hemophilic factor and serum albumin.

Bank closing sparks interest

Other financial institutions have approached the UVic administration about the possibility of locating a branch in the premises soon to be vacated by the campus branch of the Bank of Montreal.

"We are now looking at the future use of that space but it is too early to tell what will happen," President Dr. Howard Petch told the Board of Governors (BOG) at the June 25 meeting.

In a letter to Petch, Bank of Montreal officials notified him that the branch would be closed, effective August 11.

Bank officials blame "current economic pressures" for the closure after 16 years in the Campus Services complex.

Every effort will be made to minimize the inconvenience of the bank closure to students, staff and faculty, say bank officials.

They are offering assistance in relocating accounts at other Bank of Montreal locations and plan to have bank personnel at UVic after the closure until Sept. 30 to assist returning students in relocating their accounts.

The campus branch, with thousands of small accounts, had been losing money for several years.

Co-op conference set

Robert Bonner, the current chairman of B.C. Hydro, will be among participants at a four-day conference on the role of the university, the public sector and the private sector in co-operative education in the colleges and universities.

The conference, marking the 25th anniversary of the Canadian Association for Co-operative Education (CAFCE), will be held August 22 to 25 at UVic. Bonner will be the banquet keynote speaker.

Representatives from government, private industry, trade unions and universities from across Canada, the United States and as far away as Australia will discuss the central theme of co-operative education, classroom learning coupled with related employment.

Topics include: the role of co-operative education as a means of providing skilled help; the relationship between the student and the union; a survey of similar programs in other countries; and how the employee and employer can best benefit from "Co-op".

The opening day of the conference will feature a "co-op shop" that will explore all aspects of co-op and include student booths and presentations, plays, and general information about CAFCE.

The keynote speaker for the conference is Dr. William Cochrane, a Borden prize winner with experience in academia, and both the public and private sector.

Anyone wishing further information about the conference can call Louise Mirlin, conference co-ordinator, 721-7629.

Smith tackles UVic history

Dr. Peter Smith (Classics) is a brave man.

He is going to write a history of UVic, from its embryonic beginnings in 1903 through its Victoria College days to the present.

Regarded as UVic's unofficial historian for many years, Smith has been asked by President Dr. Howard Petch to write the official history. The project has been endorsed by the executive of the Alumni Association.

The former Dean of Fine Arts estimates that the project will take up most of his free time during the next two years and he is working full-time at the task this summer.

"I'm planning an informal and nostalgic history rather than a purely sober institutional record," says Smith. "The book should serve as a general reference but there has to be some sense of the essence of the institution, a sense of what makes it unique."

"I'm still evolving the whole concept of the book, but I envisage a popular pictorial history, a mixture of facts and anecdotal material."

Smith wrote the popular history of Victoria High School, *Come Give a Cheer*, in 1976.

He says he doesn't plan to emphasize Victoria College days too much since the book must cover many years and contemporary events as well as early history.

"My initial research has revealed an overkill of official documentation," he says. "I'm obviously going to have to be ruthless in selecting the material for the book."

Smith also plans to be ruthless in a planned section on achievements in scholarship and research. "Everyone understandably feels their research is significant, but I'll make no apology for a very selective approach."

Smith does plan to contact all departments on campus for assistance and he has been working closely with UVic archivist Chris Petter on the project.

Smith realizes that dealing with contemporary events in the book will involve some sensitive issues.

"I believe we have to reveal some of the chinks in our armour," he says. "I'm not interested in getting involved in a heavy PR effort."

"I do believe some issues can be treated with humor and I don't plan to analyze the rights and wrongs of the stances taken in some of the turbulent years."

Smith believes the final product, a 200-page document, should be of interest to alumni, students and visitors to UVic.

"I would also like it to be intelligible to outsiders," he adds. "I'd like it to be a kind of case history of how UVic in its present form, came to be."

Publisher: Information Services
P.O. Box 1700, Victoria, B.C. V8W 2Y2
Telephone (604) 721-7640
International Serial Number
ISSN 0318-8419

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Typesetting: Janice Littleton, Print Shop,
University of Victoria

Printer: Van Isle Trade Press, 565 David St.,
Victoria

The Ring is published every Friday during Winter Session. Letters to the editor will be published if signed and without libellous content. Letters are subject to editing to meet space requirements. Material contained in **the Ring** can be reprinted or broadcast freely without permission. Credit is not necessary but would be appreciated.

The Board of Governors reports the following proceedings from the regular meeting of June 25, 1982.

Resignations

The Board of Governors acknowledged receipt of the following resignations, effective the dates shown:

Ruth S. Beer, assistant professor, Department of Visual Arts, effective June 30, 1982.
Douglas R. Johnson, assistant professor, Faculty of Law, effective June 30, 1982.

New Appointment—Administrative and Academic Professional

Richard M. Pearce, B.A. (Brit. Col.), M.S. (Ore. State), Ph.D. (Ore. State), Nelson, B.C., appointed Director, David Thompson University Centre, effective July 1, 1982 to June 30, 1984.

Promotions

The following faculty members were promoted to the rank of professor, effective July 1, 1982: Roland Brener, Department of Visual Arts
Gerald A. Carr, School of Physical Education
N. Ross Crumrine, Department of Anthropology

Andrew Farquharson, School of Social Work
W. John Harker, Department of Communication and Social Foundations

Albert E. Hurd, Department of Mathematics
John J. Jackson, School of Physical Education
Eike-Henner Kluge, Department of Philosophy
Donald W. Knowles, Department of Psychological Foundations in Education

Reginald H. Mitchell, Department of Chemistry
David A.T. Stafford, Department of History
Stephen R. Stobart, Department of Chemistry
Bernard Turgeon, School of Music

The following faculty members were promoted to the rank of associate professor, effective July 1, 1982:

Gregory P. Andrachuk, Department of Hispanic and Italian Studies

Daniel G. Bachor, Department of Psychological Foundations in Education

Paul M. Baker, Department of Sociology

John B. Cunningham, School of Public Administration

Alan R. Drengson, Department of Philosophy

Michael M. Longton, School of Music

Margie I. Mayfield, Department of Communication and Social Foundations

David S. Moyer, Department of Anthropology

Geoffrey D. Potter, Department of Communication and Social Foundations

Nicolas Y.D. Rolland, Department of Anthropology

Frank Ruskey, Department of Computer Science

Lawrence W. Russell, Department of Creative Writing

Wesley J. Shera, School of Social Work

Terry G. Sherwood, Department of English

Robert Swales, Department of Social and Natural Sciences



The University Centre Auditorium is the locale for a national CBC television program July 25 at 10 p.m. featuring the Victoria Symphony and Victoria Choral Society under the direction of maestro Paul Freeman. The program is one in the Music in the Air series which can be seen on Channel 2. Photo above, by Jane Cameron, was taken during the video-taping in March. A second program featuring the Victoria Symphony at the Auditorium will be seen later in the series.

H. David Turkington, School of Physical Education

Max R. Uhlemann, Department of Psychological Foundations in Education

Special Appointments

Roland Brener, Professor, Department of Visual Arts, appointed chairman, Department of Visual Arts, effective July 1, 1982 to June 30, 1985.

Len T. Bruton, B.Sc. (London), M.Eng. (Carleton), Ph.D. (Newcastle Upon Tyne), Calgary, Alberta, appointed, with tenure, as professor of electrical engineering, effective Oct. 1, 1982 and Dean of Engineering, effective Oct. 1, 1982 to June 30, 1987.

John J. Jackson, professor, School of Physical Education, appointed Dean, Faculty of Education, effective July 1, 1982 to June 30, 1987.

John P. Oleson, associate professor, Department of Classics, appointed chairman, Department of Classics, effective July 1, 1982 to June 30, 1985.

Terry J. Wuester, professor, Faculty of Law, appointed Associate Dean, Faculty of Law, effective July 1, 1982 to June 30, 1985.

New Appointments—Faculty

Mark L. Howe, B.A., M.A. (W. Ont.), London, Ontario, appointed visiting lecturer, Department of Psychology, effective July 1, 1982 to June 30, 1983, on the understanding that this appointment will be changed, upon one month's notice, to that of assistant professor for

the period Jan. 1, 1983 to June 30, 1984, if all requirements for the Ph.D. degree are completed prior to Dec. 1, 1982.

Eric Lee, B.A., M.A., Ph.D. (U. of Vic.), Ottawa, Ontario, appointed assistant professor, School of Public Administration, effective July 1, 1982 to June 30, 1984.

Judith I. Mitchell, B.A., M.A. (Sask.), Kinistino, Sask., appointed visiting lecturer, Department of English, effective July 1, 1982 to June 30, 1983, on the understanding that this appointment will be changed, upon one month's notice, to that of assistant professor for the

period Jan. 1, 1983 to June 30, 1984, if all requirements for the Ph.D. degree are completed prior to Dec. 1, 1982.

Gholamali C. Shoja, B.S.E.E. (Kansas State), M.S.E.E. (Northwestern), Ph.D. (Sussex), East Sussex, England, appointed assistant professor, Department of Computer Science, effective July 1, 1982 to June 30, 1984.

Barbara Whittington, B.A., M.S.W. (Brit. Col.), Victoria, B.C., appointed assistant professor, School of Social Work, effective July 1, 1982 to June 30, 1984.

Salaries to be discussed

The Board of Governors (BOG) will hold two special meetings in July.

The first meeting, July 19, will deal with the question of salary increases for 1982-83 for faculty, administrative and academic professional staff and the specialist-instructional group. This meeting will be held in closed session.

At the June 25 BOG meeting, President Dr. Howard Petch said the effects of the B.C. Compensation Stabilization Guidelines and Regulations on salary increases at UVic were not clear and the relevant legislation had not been passed.

The relevant legislation which places restraints on salary increases for public

service employees was passed later that day.

"We are following the situation closely, including developments at other universities and I hope that we will be able to seek approval from the board for the 1982-83 salary adjustments in time to have them included in the July payroll," Petch said in a letter June 25 to faculty and staff.

The second meeting, open to the public, July 29 at 1 p.m. in the Senate and Board Room, University Centre, will focus on the proposed 1983-84 operating budget submission which UVic must forward to the Universities Council of British Columbia (UCBC) before the end of July.

ringers



The Theatre Department's gain was Information Services' loss this week when Wendy McPetrie moved from the Sedgewick Building to the new Phoenix Building to become publicity director. McPetrie, who was secretary in Information Services for three years before moving to the Theatre Department, replaces Karen Moore who is moving to Guelph, Ont. after two years of handling publicity for theatre productions and the department. McPetrie has spent eight years on campus as a secretary, the first five with the Biology Department.

A 1966 UVic Bachelor of Science graduate has been awarded the prestigious Herzberg Medal for Physics for 1982. Dr. A. Robert McKellar received the medal, awarded to an outstanding young physicist under the age of 38 by the Canadian Association of Physicists (CAP) at a recent CAP meeting. In his acceptance speech McKellar paid tribute to the late Dr. Richard (Mike) Pearce and to Dr. Harry Dosso of the UVic Physics department for the encouragement they had given him as an undergraduate, noting that he also "owed a lot" to the honors class with which he graduated. McKellar is currently working for the National Research Council in Ottawa.

Six UVic graduate students are among 31 in British Columbia awarded scholarships of \$11,500 by the Science Council of B.C. They are Christine Cooke (Biology), Penelope Ann Gee (Biology), Robert Joseph Milkow (Biology), Joanne Marilyn Lawrence (Biology), Gina Ostovsky (Physics), and Leonard James Zedel (Physics). The scholarships are intended to promote research in technology and engineering in cooperation with the private sector. The council operates under the direction of the Ministry of Universities, Science and Communications and will distribute almost \$4 million for projects this year.

Dr. Alan Artibise (History), has been named President of the Association of Canadian Studies (ACS) for a two-year term. The appointment was made at the Learned Societies'

Conference in early June in Ottawa. The ACS was founded in 1973 and has a membership of approximately 100 institutions and 500 individuals. Its prime objective is to encourage teaching, research and publications about Canada through various national programs. The ACS publishes a bilingual quarterly newsletter. It has also published other important volumes, including Canadian Issues, and provides research and writing assistance for Canadian writers under its Canadian Studies Writing Awards program.

Dr. Dorothy Kergin, Director of the UVic School of Nursing, has been appointed External Examiner for 1982 to the Kamuzu College of Nursing at the University of Malawi. Her responsibilities will include assessing the four-year Registered Nurses program at the college and its resources. Kergin leaves June 20 for a meeting of the Canadian Nurses' Association in St. John's, Newfoundland, and will travel to Malawi from there. She will also make short visits to Nairobi, Kenya, Cairo, Egypt and Istanbul, Turkey before returning to UVic in August.

The cafeteria and pub in the Student Union Building (SUB) and the Gold Room in the Commons Block are open for business all summer. The SUB cafeteria is open from 8 a.m. to 4 p.m. when the pub opens until midnight, Monday through Friday. The health food bar in the SUB lounge will re-open July 5. Over at the Gold Room, reservations are accepted for lunch from 11:30 a.m. to 2 p.m., Monday to Friday. A continuous buffet is served.

Linda Gregory, a Ph.D. student in the Biology Department, has been awarded a B.C. Research Fellowship of \$10,000, renewable for three years. The fellowships have been established by B.C. Research to foster and support industrial research in British Columbia. Gregory's thesis objective is to determine the input of nutrients from the Douglas Lake Cattle Company ranch to the Upper Nicola River and their fate in the river. The fellowships, tenable in B.C. universities, are available to candidates for a Ph.D. degree in the fields of aquatic sciences, automotive use of natural gas, bioengineering, coal liquefaction, computer science, electrochemistry, environmental engineering, fisheries technology, flow of bulk solids, industrial chemistry, industrial and environmental health, control system engineering, petroleum microbiology, renewable energy and resource management. More information on the fellowships is available from graduate advisors within departments or from Pat Rhodes (Graduate Studies).

"As moths grow to become beautiful butterflies, so undergraduates grow to become graduate students," Richard Zemek told the UVic Board of Governors (BOG) at the June 25 meeting. Zemek, president of the Graduate Students Society, was expressing graduate student solidarity with the Alma Mater Society in a brief to the BOG urging restraint in tuition fee increases. Chancellor Dr. Ian McTaggart Cowan, ever the alert biologist, quickly pointed out to Zemek that caterpillars rather than moths turn into butterflies.

PST plays officially open the new Phoenix

The world premiere of *Drumsong*, a trilogy of plays by British Columbia playwright Gwen Ringwood opened a gala season of summer stock production at UVic's Phoenix Summer Theatre June 22.

The season runs until August 8 and also includes productions of *Round and Round the Garden* by Alan Ayckbourn and Eugene Ionesco's *Exit the King*.

This season marks both the official opening of the Phoenix Theatre to the public and the second decade of summer stock produced by the Phoenix company.

Drumsong, a trilogy of tragedies separately titled *Maya*, *The Furies*, and *The Stranger*, depicts the continuing traditions of British Columbia's native Indian peoples and the passion and pain engendered by the continuing encroachment of the white population on their ways. *Drumsong*

was written by Ringwood over a 20-year period and expresses her perception that the roots of Indian tragedy are close to those of the classical Greek.

The set design, by the Phoenix Theatre's resident designer, professor Bill West, is a combination of lattice work and cloth 25 feet high by forty wide, and acts as a screen for both front and rear projections. Lighting is by Dr. Giles Hogya, and costumes are by undergraduate theatre design student Nicole Williams.

George Louie, currently working with the UVic linguistics department, assisted the cast with native dialects.

Drumsong is directed by Professor Carl Hare, chairman of the Theatre Department.

The trilogy is being presented in the Chief Dan George Theatre until July 10, in

honor of Ringwood and the peoples whose vision she expresses.

Round and Round the Garden, by popular English playwright Alan Ayckbourn, opens July 6 in the Roger Bishop Theatre. The play is part of Ayckbourn's trilogy *The Norman Conquests*, dealing with the complexities and comic absurdities of relationships between families, friends and lovers.

The production is directed by Paul Mears, a theatre graduate student whose credits include a recent production of excerpts from *King Lear* in the 1981-82 studio series. Set design and lighting is by theatre graduate student Ron Fedoruk and costumes are by theatre undergraduate student Nicole Williams.

Graduate theatre student David Wilson is the director of Ionesco's *Exit the King*. The play is Ionesco's allegory of death and

dying, based on his personal experiences during a serious illness. The play was written in 20 days, and although the subject is a serious one, the treatment of the subject is characterized by Ionesco's ironic humor as five members of the King's court take him through the stages of death in a manner that mocks many of man's basic assumptions yet asserts his dignity.

Wilson has interpreted Ionesco's character as approaching life with "death as the goal of existence. At the end, having let go of everything, (he) faces death defiantly, a triumph of the human spirit."

Lighting and set design for the production are also by Ron Fedoruk, with costumes by theatre graduate student Sarah Frye.

The play opens July 13 in the Barbara McIntyre Studio.



Exit the King



Drumsong



Round and Round the Garden

The play's the thing for high school seniors

The Vancouver Island Summer Stage (VISS), formerly the Senior Secondary Summer Theatre Workshop, is celebrating its tenth season this summer with a production of *Dark of the Moon* in the Chief Dan George Theatre in the new Phoenix building at UVic.

High school students are selected for VISS in province-wide interviews for the intensive six-week workshop in all aspects of a dramatic production, culminating in a public performance.

The workshop is oriented towards

initiating students into the rehearsal process associated with acting and technical production. To date, 25 students have enrolled for the session which begins July 5 and costs \$900, including residence housing for the six weeks. A live-in project worker, hired from the theatre department, will serve as a counsellor and supervisor.

The production to be staged, *Dark of the Moon*, written by Howard Richardson and William Berney, was originally produced on Broadway in 1945, revised in 1966, and has since been a popular choice for college

and high school productions.

Ritualistic and abstract in form, the play deals with the classic problem of man's susceptibility to fate and his will to overcome it.

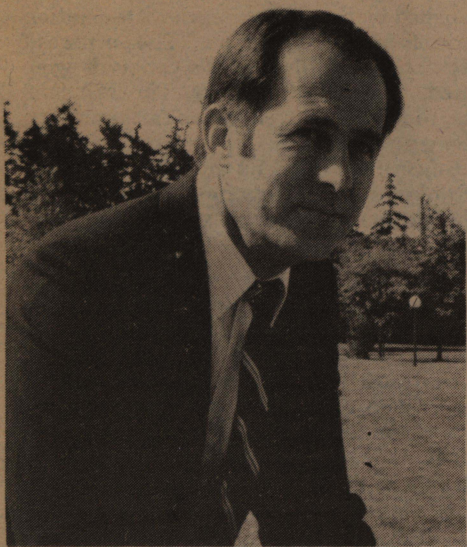
The story begins as a witch-boy bargains with the powers-that-be to make him human in order that he can marry the independent, beautiful Barbara Allen. The union is opposed by both the dark, possessive witches of his own heritage and the superstitious, small-minded Southerners. The play demands an understanding of

human nature by the actors, and provides an opportunity for mastering accents and characters.

Directing *Dark of the Moon* will be Barbara Russell, whose acting credits include the University of California, Stratford, and the Green Thumb Players (Vancouver). Her directing credits include the prominent Vancouver Playhouse and Langara College.

The production will be presented for public viewing Monday August 9 to Friday, August 13.

Pearce named DTUC director



Pearce: going to Nelson

Dr. Richard Pearce (Education) has been appointed Director of David Thompson University Centre (DTUC) by the UVic Board of Governors (BOG).

The appointment was made June 25 to take effect July 1, 1982, for a two year term.

"I am very pleased with the appointment," says Dr. Glenn Farrell, director of UVic Extension and responsible for UVic activities at DTUC. I am sure that Dr. Pearce will do a very effective job. He has

had experience working at both the college and university level, knows both systems, and was assistant director of DTUC under Dr. Dick Williams last year.

"His major areas of responsibility will include coordination of the process of re-examining the program in light of first five year plan now in effect at DTUC, and ending in 1984, to provide documentation for the recently established evaluation committee which will report at that time."

The Director of DTUC is responsible for day-to-day management of all University activities and is also seconded to Selkirk College, UVic's co-educator at DTUC, for management of programs at the college level.

Pearce is a native of Victoria, B.C. and attended Victoria College, UVic's predecessor institution, before receiving his Bachelor of Arts and Teaching Certificate at the University of British Columbia. He received his Masters degree in Biological Science and his Ph.D. in Science Education from Oregon State University, the latter in 1969.

He instructed in Natural Sciences at the Skagit Valley Community College in Mount Vernon, Washington, from 1969 to 1974 and became a Visiting Assistant Professor in the Faculty of Education at UVic in 1974. He was named Coordinator of Professional Programs (Undergraduate) in 1975 and was named Assistant Director (University programs) at DTUC in July 1981.

Williams scholarship approved

The Dr. R.L. Williams Scholarship will be awarded in January, 1983 for the first time to a student exhibiting academic excellence at the David Thompson University Centre (DTUC) in Nelson, B.C.

The scholarship is named for Dr. Richard Williams, director at DTUC for the last two years. He returns to UVic's Faculty of Education this fall to resume teaching and research. Williams was also coordinator of education programs at DTUC for a year prior to his appointment as director at DTUC.

The scholarship was initiated by the present education program coordinator, Tom Gougeon, Dr. Richard Pearce, the incoming DTUC director, academic studies and performing arts department head Don Mitchell and Visual Arts department head Ricardo Gomez.

The scholarship will be awarded "as

funds permit" to the applicant with the highest grade point average over three successive semesters says Gougeon.

Contributions to the scholarship fund may be made through the DTUC Support Society, 820 10th Street, Nelson, B.C. The society was formed in September of last year.

The Williams' scholarship is only the fifth available to DTUC students. Others include the Caterina Pisapio Bursary Scholarship, the Shaw and Borrow Memorial Scholarships, and the Notre Dame University Bursary Trust.

The four latter scholarship funds have been the subject of legal proceedings involving their transfer from DTUC's predecessor institution, Notre Dame University, and will bring scholarship funds at DTUC to a total of \$170,000 if released by the courts.

World-wide market for UVic invention?



Pearson: supplies monoclonal antibodies

An instant diagnostic test for gonorrhea, devised by UVic immunologist Dr. Terry Pearson (Biochemistry and Microbiology), will be marketed by MDS Health Group Ltd., Canada's largest pharmaceutical company.

Diagnostic kits containing monoclonal antibodies developed by Pearson could be

used on a world-wide basis for a faster, and much more reliable test for gonorrhea than the present diagnostic test.

An agreement between MDS Health Group Ltd. (Toronto) and UVic could result in "substantial revenues" for the university, President Dr. Howard Petch told the Board of Governors at the June 25 meeting. "This is a very important development with world-wide possibilities," he said.

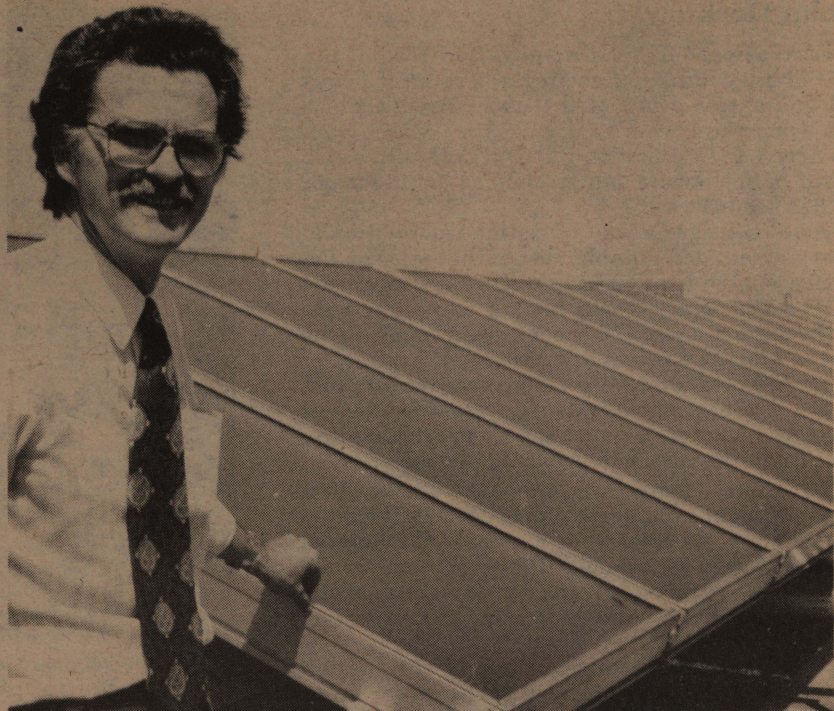
Petch also pointed out that it is an example of the kind of important medical research that can be done outside a faculty of medicine.

The monoclonal antibody technique was developed in England and Pearson worked with the scientists who developed it. He was later recruited to Nairobi, Kenya, by the World Bank to apply the new technology to the study of parasitic diseases of cattle.

He has also received a \$100,000 grant from the World Health Organization to devise a diagnostic test for African sleeping sickness.

The present test for gonorrhea requires a waiting period of 48 hours for the results from a test sample. This can cause problems and is an expensive process as well.

The monoclonal antibody technique permits a quick biochemical test with an immediate diagnosis.



Sun brings hot showers

Energy from the sun equivalent to that generated by 917 gallons of fuel oil has heated water for showers and the pool at the McKinnon Centre between mid-May and mid-June.

The solar energy is being collected through 173 panels on the roof of the McKinnon Centre in a \$270,000 pilot project.

UVic paid half the cost of the project with the federal government and provincial Ministry of Energy, Mines and Petroleum Resources funding the other half.

During the first month of monitoring, solar energy has resulted in a savings or "cost avoidance" of \$1,100 says Jim Helme, director of Buildings and Grounds.

"It's still too early to tell for certain how effective the solar system will be, but so far it's delivering energy on about the scale we expected," says Helme. "We expect an annual cost avoidance of about \$7,000."

Over the next 38 years, the entire cost of the project will be paid off through savings, but Helme says economics were not the main consideration in the installation of a solar system.

Helme says the system was never intended to be "a booming economic success" for the university.

"The fact that over the next 38 years we will be using 225,000 less gallons of a non-renewable resource is worth considering," he points out. "I believe it is entirely appropriate for UVic to become involved in this kind of project."

"This is a high-profile project and I believe that it reminds people of our obligation as a society to find alternatives to non-renewable resources such as gas and oil."

Helme believes an advantage to the system is that maintenance should be minimal. "We had some problems with the hydraulics at the beginning but the system is working smoothly now."

Helme is very conscious of cost-saving measures in the fuel and electrical budget at UVic.

For several years the Department of Buildings and Grounds has waged an energy-conservation campaign. Measures introduced include an energy standard for new buildings, shutting down of heating and ventilation systems during the times that buildings are unoccupied and reducing the lighting load in non-work areas.

"If we were using energy on campus at the 1975 rate, and we weren't wasting energy at that time, our energy bill would be \$500,000 higher annually than it is," says Helme.

Helme says the solar system is the largest of its kind in British Columbia and the provincial Ministry of Energy, Mines and Petroleum Resources is very interested in it.

The system is a simple one, with the domestic water supply to the McKinnon connected by pipe to the solar panels and pumped across the face of the three-by-eight-foot panels which have glazed aluminum frames and dark, absorptive surfaces.

The water heated by the sun is then routed back into the system to assist in heating the swimming pool and to supply hot water for showers.

Any surplus is stored in one of two 1,000-gallon tanks at temperatures ranging from 120 to 180 degrees Fahrenheit.

The system involves extensive quantities of small copper pipe beneath the 4,125 feet of collector surface on the panels. There is a monitoring system which reveals how much radiant energy is available and how much UVic is collecting.

A pyranometer, measuring available radiant energy in B.t.u.s (British thermal units), is attached to the roof and there are instruments to measure the flow and temperature difference between the water going into the solar system and the water coming back out.

"About 48 per cent of the available radiant energy is being picked up by our system," says Helme.

Another three per cent of the available solar energy could be picked up if the collector panels were placed on a 45-degree angle, rather than 22.5 degrees. UVic decided on the 22.5-degree slope to more effectively blend the collector system into the aesthetics of the building, says Helme. Tony Pugh, head mechanical tradesman at UVic, is in charge of the day-to-day operation of the system.

Flawed Bill better than none

By John Durkin

This week the House of Commons gave third reading to a bill that Murray Rankin (Law) regards as a good start toward guaranteeing one of the major freedoms of a modern democracy.

The Access to Information Bill (Bill C-43) still has to be passed by the Senate and proclaimed but the major hurdle has been passed.

"If you don't have a way of getting information to keep government accountable, even if that information is embarrassing to some bureaucrat, I believe we are not living in a democracy," said Rankin in an interview before the bill was passed. "I believe that strongly in the concept of enhanced access to information."

Gerald Baldwin, Progressive Conservative MP from Peace River almost singlehandedly thrust freedom of information on the national stage by repeatedly introducing Private Member's Bills during the 1970s.

In 1976 the House of Commons unanimously accepted a recommendation that freedom of information legislation was necessary for Canada. Changes of government, changes of mind within governments, and provincial concerns have all served to delay and eventually reduce the effectiveness of freedom of information laws.

While Rankin is not completely happy with the new bill, he is at least temporarily resigned to the compromises that have to be made. "Half a loaf is better than no loaf at all," he explains.

The big push for freedom of information in Canada came in the late 1970s and the timing could not have been more fortuitous for Rankin. He had completed his Master of Law thesis at Harvard on freedom of information and had written a book for the Canadian Bar Association on the issue. Rankin has played a major role in the Bar Association's submissions to the federal government on freedom of information.

The new legislation will open wider the doors to government information and will clarify the rules under which information is available. However, the process for deciding what information will become available to the public has and will continue to be a controversial and emotionally charged issue.

"There are all sorts of problems with our system as to whether the courts or particular government ministers should decide," says Rankin. "This is one of the issues we have been grappling with for the past several years."

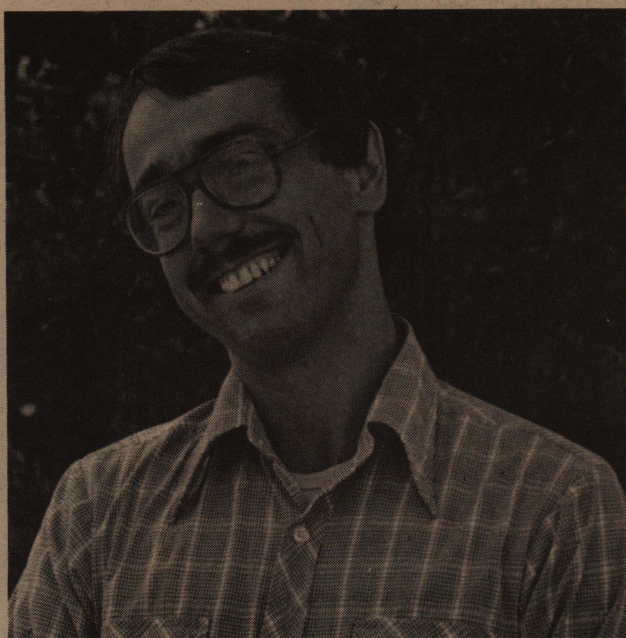
"I have no faith in a process where the government decides what information the government releases. I think the possibilities for government intervention are endless."

"I was happy with the courts as an independent tribunal and am even happier with the process spelled out in the Bill which an information commissioner recommends whether controversial information should be released. If the situation cannot be settled at the commissioner level, then there is the courts."

Rankin adds that the Bill is "much fuzzier" than the Information Officer to Courts route. "For routine information it will work in that way but for certain sensitive political information the courts will not have such wide powers to order its release."

Rankin believes that the most fundamental flaw in the Bill is a recent amendment introduced by Prime Minister Pierre Trudeau. This amendment makes cabinet documents exempt from the legislation.

"They haven't told us what cabinet secret or what



Rankin: Freedom of information fundamental to democracy

they call 'confidences of the cabinet' will include," laments Rankin.

"Does this amendment mean that every piece of paper that goes through the cabinet is a cabinet secret? If that is the case then obviously all the government has to do to hide embarrassing information is to put it through the cabinet."

Rankin sees two forces that will possibly reduce the negative impact of Trudeau's amendment. The first of these rests on the support of the opposition parties for freedom of information and the chance that the amendment will be removed if either of them get into power.

The second and perhaps more realistic factor may be the political pressure that would be generated if the government used its cabinet secrets veto on items that were obviously embarrassing but not sensitive to the security of the country.

"I think Trudeau has gone too far," says Rankin, "but maybe he wouldn't use it often because the government wouldn't be able to stand the heat."

Members of provincial governments are also worried about the types of information that might be released under Freedom of Information requests.

This has been particularly true of Roy McMurtry, Attorney General of Ontario, who wrote a 21-page letter, June 10, 1981, to Francis Fox, then Minister of Communications, outlining his concerns about freedom of information. In the political climate of late 1981 and the beginning of this year McMurtry's letter became a rallying cry for provincial opposition to the federal legislation.

McMurtry was concerned that information collected by provincial agencies would be released because of the overlap of federal and provincial activity in many fields. He was particularly anxious about law enforcement where the provinces are responsible but the RCMP plays a very significant role. McMurtry felt that information in RCMP files would be released to the public and even went so far as to suggest that disclosure of information would lead to deaths.

Rankin was asked by the Canadian Bar Association to write a response to McMurtry's letter. "The purpose of my brief was to show that McMurtry's concerns were terribly overrated," explains Rankin. "The Bill adequately protects, indeed may even go too far in protecting, law enforcement agencies."

McMurtry's concerns do bring up the issue of privacy however, and Rankin sees protection of privacy for the individual as being as important as access to general government information.

"Unless we find a way that is credible to the average citizen to keep government accountable for how they treat personal information, then all the nightmares described by Orwell are possible," says Rankin.

"There is a contradiction between freedom of information and the Privacy Act. One is the converse of the other. In one case you are trying to open government doors to find out general government information. In the other you are trying to make sure that the government does not pass private information related to you."

"Bill C-43 actually has two aspects, access to information and a protection-of-privacy act. The exceptions to the rules will be the same, the process by which information is denied to you about yourself or about government will be the same and the review process will be the same. The public thinks of them in the same breath and the government is trying to coordinate the procedures for both."

"All of this serves to keep government accountable. I think the fundamental of democracy is more and more the accountability of government, especially in this era of huge governments."

Rankin's concern about the ability of interest groups to effectively participate in the political process is evident in his involvement in environmental issues.

He has been a member of the executive of the West Coast Environmental Law Association for five years and is currently vice-chairman of that group. He is also chairman of a group called the B.C. Public Interest Advocacy Centre. Both of these groups are funded by the Law Foundation.

"I am very concerned about the lack of public participation in environmental issues," says Rankin. "I want to find new ways to facilitate involvement and generally make sure that decisions regarding some of the horrendous environmental problems we could soon face adequately reflect public concerns."

"I would like to see the legal system move toward a more pluralist model. I would like to see that there is a chance for interest groups, which I think are more important than individuals in the modern state, to actively participate in decisions that affect their lives."

One of the vehicles that Rankin hopes will be able to accomplish this goal is the Advocacy Centre. "The Advocacy Centre has received a large grant from the Law Foundation to hire a lawyer and takes a kind of Ralph Nader approach to law," says Rankin. "We want to get public interest litigation on the map."

Rankin carries his concern about public involvement into the media. Two years ago he did a documentary for the CBC's *Ideas* program on freedom of information and this year did another on toxic substances.

"I interviewed people around Canada and the United States for the toxic substances program. It was wonderful. I really like working in the radio media."

As a little extra Rankin also runs. "I ran the marathon a couple of years ago. I haven't decided whether I have time to train for this year."

Jackson is new dean

Dr. John Jackson, director of the School of Physical Education, is the new Dean of Education at UVic, for a five-year term effective July 1.

He succeeds Dr. Arthur Kratzmann who resigned for health reasons after two years as dean.

Jackson's appointment as dean was made at the June 25 meeting of the Board of Governors after he had received the support of 84 per cent of faculty members in Education in a ratification vote on his candidacy. Education, with more than 1,200 students, is the second largest faculty at UVic.

The 46-year-old Jackson was born in Silsden, England, and received his Teacher's Certificate from the University of London in 1958. He received his Diploma in Physical Education at Carnegie College.

Jackson served two years in the Royal Navy and was a teacher for 10 years in England before coming to the University of Ottawa in 1968 as a research assistant. He joined the Faculty of Physical Education at the University of Alberta in 1973 and in 1975 was appointed director of

recreation programs for the city of Edmonton.

He joined the School of Physical Education at UVic in 1976, was graduate advisor from 1977 to 1980 and was appointed director of the school in 1980.

Author or editor of 28 publications, Jackson has also written extensive reviews and articles. He is associate editor of *Review of Sport and Leisure* and the *Journal of Sport Behavior* in the United States and has served on the editorial review board of the *CAHPER Journal* in Canada since 1975.

His most recent book, published this year, is *Mr. 5BX: Canadian Fitness Pioneer*, a biography of Dr. Bill Orban of the University of Ottawa, the man who gave Canadians the 5 BX Plan which has sold more than 15 million copies and has been translated into 13 languages.

Jackson is the president of the Victoria branch of the Canadian Association for Health, Physical Education and Recreation and in 1981 chaired the national CAHPER conference in Victoria.

Artists aid chapel campaign

The fund-raising campaign to build an interdenominational chapel at UVic is getting a boost from some of British Columbia's best-known artists.

More than 35 works of art have been donated for a special art auction organized by UVic's Alumni Association to raise funds for the chapel to be constructed on the campus.

The works include paintings, sculptures, silkscreens, collages and sketches and will be exhibited at the Maltwood Gallery in University Centre from July 23 to 27. They will be auctioned off at a special dinner Sept. 11 at the Faculty Club.

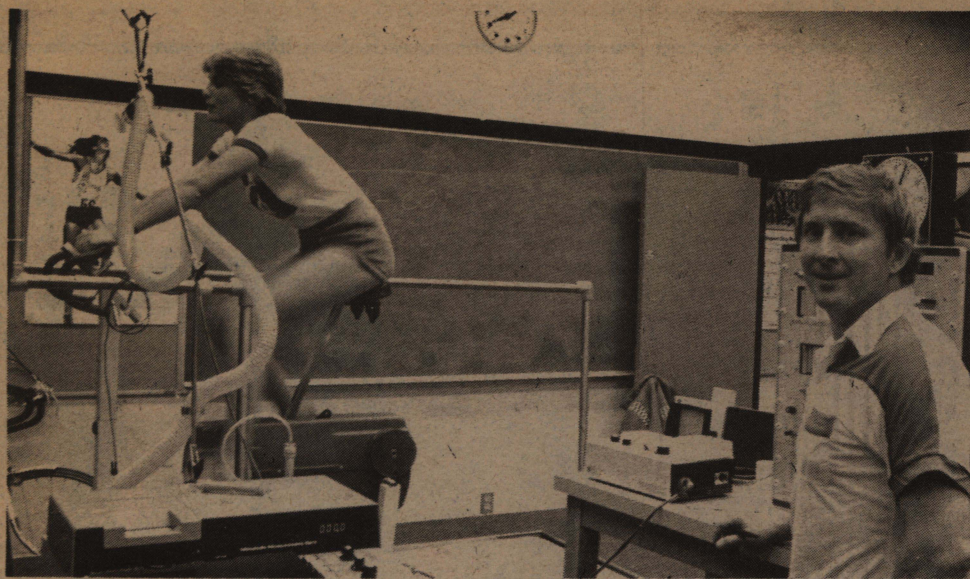
There will be a reserve price on each work of art and bids can be placed during the exhibition.

Artists who have donated works include Fenwick Lansdowne, Jack Shadbolt, Toni Onley, Robert Genn, Bill Reid, Pat Martin-Bates (Visual Arts), Don Harvey (Visual Arts), Bob Prakrum, Doug Morton, Dean of Fine Arts, Rosemary Harris, Robin Skelton (Creative Writing), Elsa Mayhew, Eva and Stanley Kupczynski, Len Gibbs and Ardath Davis.

Many of these artists will attend the opening night of the Maltwood exhibition, July 23.

Barbara Little has assisted the Alumni Association in assembling the collection.

Goal of the fund-raising campaign is \$750,000 to build the chapel in the University Gardens area of the Gordon Head campus. To date more than \$100,000 has been raised through donations from the general public.



Wenger: fitness research funded

NSERC operating grants tapped by this PE prof

By John Durkin

It is unusual for a physical educator to get a grant from the Natural Sciences and Engineering Research Council (NSERC), especially a fairly large one, but Dr. Howard Wenger (Physical Education) has been doing this consistently for the past six years.

This year Wenger received a three-year \$51,000 NSERC grant to determine "the nature of enhanced physiological function in response to quantified exercise." Wenger prefers to describe his research as "studying the effects of varying amounts of exercise."

Wenger explains that in the past there was no way for Physical Education as a discipline to gain access to NSERC funds, "so I competed in cellular or animal biology."

He has spent a lot of time working in cellular physiology, studying the changes that occur in sprint and endurance training.

"Two years ago an area of funding called kinesiology was established by NSERC but it is still handled by the animal physiology committee. In the next year NSERC will probably place a sport scientist on that committee."

Wenger points to the use of the term sport scientists instead of physical educator as an indication of the changes that have occurred in the PE field in the past 10 years.

"In order to establish credibility and to explain better what I do, I prefer sport scientist to physical educator," he says. "Traditionally, PE has been thought of as only within the walls of a school."

"PE and the sports field are, of course, much larger than that but in order for each of us to find a niche in which we are comfortable, we have developed little semantic descriptors. Most of us who call ourselves sport scientists are also comfortable being called physical educators."

In his research Wenger will be trying to quantify the exercise stimulus that must be given to produce a particular training effect and to determine the rate of acquisition and loss of this training effect.

"If coaches had this information, they could set up a training program to produce the effect they wanted," he says. "For instance they would know how much power lifting an athlete would have to do to meet the demands of a particular sport."

"Those giving or taking fitness classes would know how much exercise they must do to see changes and also what happens when the class stops."

In the schools, one of the objectives of PE classes is usually to promote fitness but it may not be realistic to expect any effect with only one hour per week, says Wenger. "The major objective of PE and fitness classes may have to be skill training rather than fitness because the time is too short for any type of training effect."

Training precision is critical for the elite

athlete however, says Wenger.

"Physiology is an extremely important aspect of the development of the athlete. Most coaches map a strategy for the physical, tactical and, almost, mental condition of their athletes."

Advanced knowledge of the physiology of the athlete and the changes that occur during training raises the questions of the artificial preparation of athletes and the moral issues involved.

"Ultimately we are coming to a time when there will be a fine line between the physiological preparation of the athletic and an artificial preparation," warns Wenger. "Then we will have to decide whether it is moral or not and who makes those choices."

Wenger says the International Olympic Committee is now willing to rule on drug use, but only crude uses are being detected. "Sophisticated drug use procedures are available as are focussing techniques such as hypnosis and various forms of electrical stimulation."

"I believe that when we use artificial means to prepare an athlete, we are violating the moral code."

Keeping Cougars fit

Victoria Cougars Hockey Team recently announced the appointment of Dr. Howie Wenger (Physical Education) as their Fitness Consultant. Wenger will be responsible for overseeing the endurance and power training of the players as well as initiating an educational process with the players about the principles of training.

"We want them to know the principles of conditioning because effective training has to be individualized," explains Wenger. "Each player has strengths and weaknesses. Some might need work on endurance and others power. This is difficult to organize on a team basis so the only alternative is to teach players the principles and then build individualized programs."

While Wenger is not directly involved in it, the Cougars have also introduced a scholarship program. If a player stays with the Cougars for two years he becomes eligible for a four-year scholarship.

"It is an attempt to compete with U.S. colleges and to encourage Canadian athletes to stay in Canada," says Wenger.

More kids enrol earlier

More children than ever before in British Columbia are getting an early start in the educational system.

Statistics gathered by UVic's award-winning B.C. Kindergarten Needs Assessment team chaired by Dr. Margie Mayfield (Education) reveal that Kindergarten is all but universally accepted in B.C. and more than half the children enrolling in Kindergarten have attended a preschool program for at least a year.

Mayfield cites "general societal pressure" as the prime reason for statistics that show that 57 per cent of children enrolling in Kindergarten have been in preschool programs and that 98.5 per cent of eligible children in B.C. attend some kind of Kindergarten.

"There is a belief in this society that, unless you can read and read well, you will have difficulties," she says. "Parents are naturally concerned that their children be given every advantage."

That societal pressure is evident in answers to a questionnaire distributed to parents of Kindergarten children by Mayfield's assessment team.

When asked what they would like Kindergarten to be like, parents indicated that they would like a more structured academic program. Parents also were concerned with the amount of play in Kindergarten.

"One of the difficulties is a misunderstanding of the meaning and role of play," says Mayfield. "The burden is on the Ministry of Education and the schools to help explain what is going on in the Kindergarten classroom."

Mayfield says skills are developed through play-oriented activities in Kindergarten. The child learns to share, to take turns and to deal with the consequences of actions through play. Language and thinking skills are also developed.

She says there are "no major problems" with B.C.'s Kindergartens which range from structured to play-oriented programs. "In B.C., the majority of programs are in the middle."

The B.C. Kindergarten Needs Assessment, funded by the Learning Assessment Branch of the Ministry of Education, was designed to gather information to be used by a committee charged with reviewing the current B.C. Kindergarten program, prior to any revision.

The assessment, which included a major survey of teachers, administrators and parents, recently received the top award for the best needs assessment of 1981 from the American Educational Research Association, the largest organization for educational research in North America.

They produced the first Kindergarten needs assessment ever done in B.C.

Receiving the award with Mayfield were Dr. Jean Dey (Education), Dr. Werner Lietke (Education), Annetta Probst, Kindergarten teacher at Blanshard Elementary School and Dr. Norman Gleadow, a principal in Fort St. John.

Mayfield's team asked for written comments at the end of each questionnaire and wound up with "about 44 pounds of comments" about the way Kindergarten is and should be.

Mayfield says Kindergarten teachers in B.C. have created a climate in the classroom that is flexible and social. "Children learn by doing and manipulating, and by finding success in what they do."

The academic side of Kindergarten is more subtle. "Teachers tend not to teach basic skills directly nor do they believe that academic success is the best way to build positive feelings in the children," says Mayfield.

"The kinds of materials and activities teachers provide, however, are intended to ensure development in the academic areas indirectly."

Mayfield said the current program stresses "a co-operative, non-competitive Kindergarten with a high emphasis on developing children's self-concepts."

The majority of principals have not taught Kindergarten and "need opportunities to become more informed about the program," says Mayfield.

"Parents are concerned that Kindergarten not be a repeat of preschool and feel their children are ready for more. They would like to see more evidence of achievement on those activities directed by the teachers."

Kindergarten teachers want less emphasis on academic skills. They would like a specific statement of the goals and purposes of Kindergarten, a clear indication of the place of reading in the Kindergarten program and clarification of the meaning and role of play.

They would also like to see more co-operative planning of activities between teachers and children with more emphasis on individual choice.

Grade 1 teachers would provide more structure to activities in Kindergarten while administrators would like to see teachers exerting more control over the program content, the pace of instruction and the nature of activities.

Mayfield says much of the information in the assessment was obtained through questionnaires, with every Kindergarten teacher in the province surveyed.

"The response is a credit to the professionalism of our Kindergarten teachers," says Mayfield. "They were given a 59-page questionnaire that took from four to six hours to complete and we had a return rate of 80 per cent from 1,289 teachers."

Mayfield has been giving workshops on Kindergarten programs for the past year within school districts and last month presented a paper with Dr. Dey in Ottawa at the Canadian Society for the Study of Education conference.

Master's program gets UVic nod

A master's program in early childhood education has been approved by the Senate and Board of Governors.

If approved by the Universities Council of British Columbia, the program to be offered by the Faculty of Education will enrol its first students in 1984.

The program of advanced studies in early childhood education would culminate in the degree of Master of Arts or Master of Education. Students would choose a thesis program (M.A.) or a project program (M.Ed.). Enrolment would grow to 20 students in each program.

In preparing the proposal, Drs. Margie Mayfield (see story this page) and Hillel Goelman of the Faculty of Education point out that there is a "pressing need for this program."

A 1981 B.C. Research Report predicted a significant increase in the number of children in the early childhood range between now and the end of the century.

"This increase in population indicates the need for more and better trained early childhood education teachers, supervisors, administrators and curriculum developers."

Teachers and principals in the field have expressed a strong desire for programs of graduate study in the field of early childhood education. The proposed program was sent to universities in British Columbia and across Canada, receiving an overwhelmingly positive response.

Surveys of both undergraduate and graduate students at UVic revealed strong interest.

Cost of the program, when fully developed, would be \$213,000 a year.

Friday, July 2nd.

Maltwood Gallery. Chinese Art from the Maltwood Collection. Continues until July 26. Gallery hours are 10 a.m. to 4 p.m. Monday to Friday, 12 noon to 4 p.m. Sunday, and during evening events at the University Centre.

Reading Break for May-August courses.

Registration for Intramural Slow Pitch Softball and Volleyball Leagues continues. Entry forms to be submitted to Recreation Office, McKinnon Gym by July 9.

8:00 p.m. Phoenix Summer Theatre presents *Drumsong*, by Gwen Ringwood, directed by Carl Hare. Continues nightly every Tuesday to Sunday interchangeably with *Round and Round the Garden* until July 11. Tickets are \$4.50 for students and senior citizens, \$5.50 for adults. For further information on dates, phone 721-8000. PHOENIX THEATRE.

Monday, July 5th.

Summer Session first term and full session courses begin.

UVic Summer Basketball Camp. Continues until July 16. MCKI GYM.

6:00 p.m. Continuation of UVic Vikings & 7:15 p.m. 7-Aside Summer Soccer League. Every Monday and Wednesday nights until July 28. UVic Soccer Fields.

Tuesday, July 6th.

Last day for adding courses which began on July 5.

Last day for withdrawing without penalty of failure from May-August courses.

McPherson Library Gallery. Bird paintings by Alan Brooks. Continues until August 9. McPherson Library. Library hours are 8 a.m. to 9 p.m. Monday to Thursday, 8 a.m. to 6 p.m. Friday, 10 a.m. to 6 p.m. Saturday. Closed Sunday and holidays.

7:30 p.m. Cinecenta films. *Cinderella*. Admission charge. SUB Theatre.

8:00 p.m. Phoenix Summer Theatre presents *Round and Round the Garden*, by Alan Ayckbourn, directed by Paul Mears. Continues nightly every Tuesday to Sunday interchangeably with *Exit the King* until August 8. Tickets are \$4.50 for students and senior citizens, \$5.50 for adults. For further information on dates, phone 721-8000. PHOENIX THEATRE.

Wednesday, July 7th.

Early registration for 1982-83 Winter Session begins (does not include Education Professional Year or Law). Continues until August 13 (except August 2). Hours are 12:30 p.m. to 7:00 p.m. Monday to Friday. SUB East-West Lounge (Rooms 135 & 137).

7:30 p.m. Cinecenta films. Double feature. *Alien* and *The Thing*. Admission charge. SUB Theatre.

Thursday, July 8th.

1:00 p.m. Oral Exam. Clive Walter Kendrick, M.A. candidate in Education, will defend his thesis entitled: "Computer Assisted Instruction in Basic Music Literacy." MACL 341.

7:30 p.m. Cinecenta films. *Small Change*. Subtitles. Admission charge. SUB Theatre.

Friday, July 9th.

7:30 p.m. Cinecenta films. *Ordinary People*. Admission charge. SUB Theatre.

Monday, July 12th.

Recreation program classes begin. Activities include swimming, dance, outdoor recreation, racquet sports, and general fitness. Register in person at the Recreation and Intramurals Office, McKinnon Gym.

Tuesday, July 13th.

7:30 p.m. Cinecenta films. *Winnie the Pooh*. Admission charge. SUB Theatre.

8:00 p.m. Phoenix Summer Theatre presents *Exit the King*, by Eugene Ionesco, directed by David Wilson. Continues nightly every Tuesday to Sunday interchangeably with *Round and Round the Garden* until August 8. Tickets are \$4.50 for students and senior citizens, \$5.50 for adults. For further information on dates, phone 721-8000. PHOENIX THEATRE.

Wednesday, July 14th.

10:00 a.m. Canadian Red Cross Blood Donor Clinic. Continues until 4:00 p.m. SUB.

7:30 p.m. Cinecenta films. Double feature. *When Worlds Collide* and *War of the Worlds*. Admission charge. SUB Theatre.

8:00 p.m. UVic Contemporary Music Ensemble of the Victoria International Festival of the Arts. RECITAL HALL, MUSIC BUILDING.

Thursday, July 15th.

7:30 p.m. Cinecenta films. *And Now My Love*. Subtitles. Admission charge. SUB Theatre.

Friday, July 16th.

Last day for withdrawing without penalty of failure from Summer Session first term courses.

6:00 p.m. UVic Tennis Tournament. Open to UVic faculty, staff, students and alumni. Entry form with fee to be submitted to Recreation Office, McKinnon Gym by July 14, 4:30 p.m. University Tennis Courts.

7:30 p.m. Cinecenta films. *Big Wednesday*. Admission charge. SUB Theatre.

Tuesday, July 20th.

7:30 p.m. Cinecenta films. *Summer Magic*. Admission charge. SUB Theatre.

Wednesday, July 21st.

7:30 p.m. Cinecenta films. Double feature. *The Black Hole* and *20,000 Leagues Under the Sea*. Admission charge. SUB Theatre.

8:00 p.m. UVic Contemporary Music Ensemble of the Victoria International Festival of the Arts. RECITAL HALL, MUSIC BUILDING.

Thursday, July 22nd.

7:30 p.m. Cinecenta films. *Diabolique*. Subtitles. Admission charge. SUB Theatre.

Friday, July 23rd.

Maltwood Gallery. Exhibition of paintings, sculptures, silkscreens, collages and sketches by B.C.'s best-known artists. Organized by the UVic Alumni Association for the Interdenominational Chapel Fund. Continues until July 27.

7:30 p.m. Cinecenta films. *Luna*. Admission charge. SUB Theatre.

Sunday, July 25th.

8:00 p.m. The Kobe Chamber Orchestra, with guest soloist Paul Kling (Professor and Director of the UVic School of Music) on violin. McPherson Playhouse.

Monday, July 26th.

UVic Summer Volleyball Camp. Continues until July 29. MCKI GYM.

Tuesday, July 27th.

Summer Session first term courses end.

7:30 p.m. Cinecenta films. *Mary Poppins*. Admission charge. SUB Theatre.

Wednesday, July 28th.

Maltwood Gallery. Furniture Designers and Craftsmen in the Victoria Region: Current Work. Continues until September 29.

7:30 p.m. Cinecenta films. Double feature. *The Invisible Man* and *The Incredible Shrinking Man*. Admission charge. SUB Theatre.

8:00 p.m. UVic Contemporary Music Ensemble of the Victoria International Festival of the Arts. RECITAL HALL, MUSIC BUILDING.

Thursday, July 29th.

Last day for adding courses which began on July 28.

7:30 p.m. Cinecenta films. *Black and White in Colour*. Subtitles. Admission charge. SUB Theatre.

Friday, July 30th.

6:00 p.m. Volleyball game. Vikings Volleyball Pacific Rim vs. Japan. MCKI GYM.

7:30 p.m. Cinecenta films. *The Deerhunter*. Admission charge. SUB Theatre.

Monday, August 2nd.

British Columbia Day. University offices closed.

Tuesday, August 3rd.

7:30 p.m. Cinecenta films. *Dumb & Dumber*. Admission charge. SUB Theatre.

Wednesday, August 4th.

7:30 p.m. Cinecenta films. Double feature. *Mad Max* and *Escape from New York*. Admission charge. SUB Theatre.

8:15 p.m. "Astronomy and the Universe," the first lecture in the free "Summer Evenings Under the Stars"



Popular novelist, historian and naturalist Farley Mowat, left, with Dr. David Godfrey (Creative Writing) was one of four distinguished Canadians who received honorary degrees at UVic's Convocation ceremonies May 29. Playwright Gwen Ringwood, labor leader Joe Morris and physical educator Dr. Maurice Van Vliet also received honorary degrees. Degrees were conferred on more than 1,000 students at three ceremonies in the University Centre Auditorium.

series presented by the Royal Astronomical Society of Canada (R.A.S.C.) Victoria Centre. Open to the general public and members. ELLI 167.

Thursday, August 5th.

7:30 p.m. Cinecenta films. *The Lovers*. Subtitles. Admission charge. SUB Theatre.

Friday, August 6th.

May-August classes end.

7:30 p.m. Cinecenta films. *S.O.B.* Admission charge. SUB Theatre.

Saturday, August 7th.

10:00 a.m. UVic Golf Tournament. Henderson Park Par 3 (Cedar Hill Road). Open to UVic faculty, staff, students and alumni. Entry form with fee to be submitted to Recreation Office, McKinnon Gym by August 3, 4:30 p.m.

Monday, August 9th.

Examinations begin for May-August courses.

7:30 p.m. Cinecenta films. *Bedknobs and Broomsticks*. Admission charge. SUB Theatre.

Wednesday, August 11th.

Last day for withdrawing without penalty of failure from Summer Session second term and full session courses.

7:30 p.m. Cinecenta films. Double feature. *The Day the Earth Stood Still* and *Planet of the Apes*. Admission charge. SUB Theatre.

8:15 p.m. "Close-up of the Planets," the second lecture in the free "Summer Evenings Under the Stars" series presented by R.A.S.C. Victoria Centre. Open to the general public and members. ELLI 167.

Thursday, August 12th.

7:30 p.m. Cinecenta films. *Tristana*. Subtitles. Admission charge. SUB Theatre.

Friday, August 13th.

7:30 p.m. Cinecenta films. *Harold and Maude*. Admission charge. SUB Theatre.

Sunday, August 15th.

9:00 a.m. Electro-Magnetic Induction of Moon and Earth Conference. Continues until August 22. MACL A144.

Tuesday, August 17th.

Examinations end for May-August courses.

7:30 p.m. Cinecenta films. *The Aristocats*. Admission charge. SUB Theatre.

Wednesday, August 18th.

Stillwell Seminar. Continues until August 22. CORN.

7:30 p.m. Cinecenta films. Double feature. *Fantastic Planet* and *Close Encounters of the Third Kind*. Admission charge. SUB Theatre.

Friday, August 20th.

Summer Session ends.

7:30 p.m. Cinecenta films. *The Stuntman*. Admission charge. SUB Theatre.

Saturday, August 21st.

B.C. Teachers' Federation seminars on Project PRIDE and Project TEACH. Continues until August 28. MACL D105.

Sunday, August 22nd.

Canadian Association for Cooperative Education (CAFCE) Conference. Continues until August 25. BEGB.

Wednesday, September 1st.

Only day for registration in Faculty of Law.

Thursday, September 2nd.

First-term classes begin in Faculty of Law.

Monday, September 6th.

Labour Day. University offices closed.

Tuesday, September 7th.

Registration in person in all faculties begins (does not include Education Professional Year or Law). No registration in the Professional Years in Education will be accepted after this date. Beginning of all Professional Years in Education.

Wednesday, September 8th.

Last day of registration.

Thursday, September 9th.

First-term classes begin (except Law).

Friday, September 10th.

Last day for course changes in Faculty of Law. First day of period for dropping and adding courses which begin in the first term in other faculties.

7:00 p.m. Cleo Laine and John Dankworth Quartet. Tickets are \$12.50, \$15.50, and \$17.50. University Centre Auditorium.